

Claims

1. Silica glass characterized by the following specific properties:

- 5 - light internal transmittance in the wave length
 between 185nm and 193nm higher than 85%
- light internal transmittance in the wave length
 between 193nm and 2600nm higher than 99.5%
- 10 - light internal transmittance in the wave length
 between 2600nm and 2730nm higher than 99%
- light internal transmittance in the wave length
 between 2730nm and 3200nm higher than 85%
- no streak, material of class 4 or better according to
 the rule DIN ISO 10110-4
- 15 - no strip
- no signal in the shadography (no shadow or intensity
 change)

20 such a silica glass being prepared according to a sol-
 gel process wherein, in the meanwhile the densification
 is achieved, a treatment is carried out by means of an
 atmosphere containing water traces.